

Amendments to the Drawings

Please replace Fig. 1 with the revised version of Fig. 1 in the replacement sheet submitted herewith. Figure 1 is amended herein to show a wire mesh layer surrounding the sensor to form a faraday cage and to add reference number 25 to refer to the wire mesh/faraday cage. There are no amendments to Figs. 2, 3A, and 3B and the only reason they are being resubmitted is that they are on the same drawing sheet as Fig. 1.